ERIC Document Resume	See Instruction Sheet	DATE OF RESUME 6/22/65	DATE RECEIVED

A. PUBLICATION DATA

1. ERIC NUMBER	2. ORIGINATOR CONTROL NO(S).	3. IDENTIFICATION NO.
ED000182	8020	N.A.

DO NOT WRITE IN SPACE BELOW

4. AUTHOR(S):
Federal Relations Staff of the American Council on Edu.

MICROFILM COPY AVAILABLE
YES ☒ NO ☐

5. TITLE OF DOCUMENT ABSTRACTED:
Higher Education and the Federal Government:
A Selected Bibliography

COPYRIGHT GRANTED
YES ☐ NO ☒

COPYRIGHT RELEASE FILED
YES ☐ NO ☐

6. PUBLICATION TITLE:
N.A.

TYPE OF REPORT
PROPOSAL ☐
IN-PROGRESS ☐
FINAL ☒
FOLLOW-UP ☐

7. EDITOR(S):
N.A.

8. PLACE OF ORIGIN
ORG. American Council on Education
ST. 1785 Mass. Ave, NW
CITY/STATE Wash. 6, D.C.

9. PUBLISHER OR SOURCE
American Council on Education

OTHER ERIC REFERENCES:

10. VOL.	11. PAGES	12. MO./YR.	13. TOTAL PP.
		Oct. 62	10

TELE. EXT.
INST/LOC CODE
ERIC SATELLITE CODE

B. INDEXING DATA

14. SUBJECT AREA

15. TYPE OF ENDEAVOR
bibliography

16. INDEXING TERMS (6-12)

bibliographies	legislation			
government	administration			
school-community relations				

17. ABSTRACT (MAX. 280 WORDS)

A selected bibliography consisting of approximately 50 listings dealing with Federal relations of higher education and related issues of public policy.

ERIC No.

18. SOURCE OF ABSTRACT

C. FUNDING DATA

19. SUPPORTING ORGANIZATION	20. DIVISION OR DEPT.	21. CONTRACT NO. / PROJECT NO.
	22. TOTAL COST OF PROJECT	
	23. DURATION OR PROJECT	U.S. Department of Health, Education, and Welfare Office of Education

R-6-1
HE8020
8020
ED000182

HIGHER EDUCATION

and the

FEDERAL GOVERNMENT

8020

A Selected Bibliography

Prepared by the Federal Relations Staff
of the American Council on Education

U. S. DEPARTMENT OF HEALTH, EDUCATION AND WELFARE
Office of Education

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Forty-fifth Annual Meeting
October 3-5, 1962

AMERICAN COUNCIL ON EDUCATION

A Word of Explanation

No attempt has been made in the preparation of this bibliography to go beyond separately published items. Many excellent articles on the subject are to be found in periodicals (such as *The Educational Record*) and in chapters of books dealing with higher education in general (see, for example, the works of David D. Henry and Seymour Harris). Proceedings of national associations such as the Association of State Universities and Land-Grant Colleges are replete with speeches and discussions on the subject. Many of the volumes listed here themselves contain helpful bibliographies, frequently covering specialized aspects of the general subject. The U.S. Department of Health, Education, and Welfare has recently published *Grants in Aid, A Bibliography of Selective References, 1861–1960,* which contains a helpful section on education.

Much bibliographic work remains to be done, and it is hoped that this limited list may help call attention to the growing literature on the subject of the Federal relations of higher education and to the need for guides thereto.

PRINTED IN THE UNITED STATES OF AMERICA

Higher Education and the Federal Government

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I. GENERAL

AMERICAN ASSEMBLY. *The Federal Government and Higher Education.* Ed. Douglas Knight. Englewood Cliffs, N.J.: Prentice-Hall, Inc., 1960. ix + 205 pp. Cloth, $3.50; paper, $1.95.

Contains background papers prepared for the Seventeenth American Assembly, held at Arden House, May 5–8, as well as the final report adopted by the Assembly. The reports of the several Regional Assemblies, conducted in the aftermath of the National Assembly, also contain valuable insights and summaries of opinion on this subject. Regional Assemblies were conducted under the auspices of Occidental College, Saint Louis University, Tulane University, University of Minnesota, University of New Mexico, and University of Oregon.

AMERICAN COLLEGE PUBLIC RELATIONS ASSOCIATION. *Federal Government Programs for Colleges and Universities: Papers, Remarks and Questions from Conferences of November 20–21 and December 11–12, 1961, of the American College Public Relations Association in Washington, D.C.* Washington: The Association, 1962. xi + 161 pp. $5.00.

Valuable principally for its descriptions of current Federal programs affecting higher education, as presented by administrators of those programs.

AMERICAN COUNCIL ON EDUCATION. "Higher Education and the Federal Government: Programs and Problems." Ed. Charles G. Dobbins. MS in preparation. Washington: The Council, probably November 1962.

The principal addresses and papers of the Council's Forty-fifth Annual Meeting, held in Chicago, October 3–5, 1962, the theme of which has been adopted as the title of this volume. Major addresses by McGeorge Bundy, Harlan Cleveland, David D. Henry, Herbert E. Longenecker, and Nathan M. Pusey.

AXT, RICHARD G. *The Federal Government and Financing Higher Education.* New York: Columbia University Press, 1952. O.P. xiv + 295 pp.

One of the earliest general explorations of the growing role of the Federal Government, and the problems beginning to emerge therefrom.

BABBIDGE, HOMER D., Ja., and ROSENZWEIG, ROBERT M. *The Federal Interest in Higher Education.* New York: McGraw-Hill Book Co., 1962. viii + 214 pp. $5.95.

An extended analytical essay on the political and educational dynamics of the relationship between the Federal Government and higher education. Discusses related issues of public policy and prospects for future developments.

BOWEN, WILLIAM G. *The Federal Government and Princeton University: A Report on the Effects of Princeton's Involvements with the Federal Government on the Operations of the University.* Privately published, Princeton University, January 1962. xiv + 319 pp.

Circulation of this excellent self-study is closely limited. Copies are *not* available from Princeton.

CARNEGIE FOUNDATION FOR THE ADVANCEMENT OF TEACHING. *Federal Programs in Higher Education: Summary of a Discussion by the Trustees of the Carnegie Foundation for the Advancement of Teaching.* Reprinted from the 1956–1957 Annual Report. New York: The Foundation, n.d. 20 pp.

An early but still timely and concise treatment of the general subject.

———. "Higher Education and the Federal Government." MS in preparation.

Report of a survey, directed by Reuben H. Gross, of the Federal Government and higher education, including the impact of Federal programs as revealed in a series of institutional self-studies.

Harvard and the Federal Government: A Report to the Faculties and Governing Board of Harvard University. Cambridge, Mass.: Harvard University, 1961. 36 pp.

The first comprehensive self-study by a university of the effects of its involvement with the Federal Government.

ORLANS, HAROLD. *The Effects of Federal Programs on Higher Education: A Report to the U.S. Commissioner of Education.* Draft edition; multilithed. Washington: Brookings Institution, 1962. O.P. xix + 408 pp. Printed edition to be published by Brookings, about October 1962; 300 pp. (est.).

A study of the impact of Federal programs on a selected, representative group of institutions, undertaken for the U.S. Commissioner of Education, under authority of title X of the National Defense Education Act.

RIVLIN, ALICE M. *The Role of the Federal Government in Financing Higher Education.* Washington: Brookings Institution, 1961. xii + 179 pp. Cloth, $3.00; paper, $2.00.

Traces the growing role of Federal funds in financing higher education, and analyzes the past, present, and possible future patterns of such support.

U.S. LIBRARY OF CONGRESS. LEGISLATIVE REFERENCE SERVICE. *The Historic and Current Federal Role in Education: A Report to the Subcommittee on Education of the Committee on Labor and Public Welfare, United States Senate* . . . Printed for the use of the Committee on Labor and Public Welfare. 87th Cong., 1st Sess. Washington: Government Printing Office, 1961. vi + 66 pp. Free upon request to Senate Committee on Labor and Public Welfare.

A background document prepared for the Senate Committee on Labor and Public Welfare on the eve of the hectic 1961 session on educational legislation.

———. [Prepared] by Charles A. Quattlebaum. *Federal Educational Policies, Programs and Proposals: A Survey and Handbook.* Part I: *Background; Issues; Relevant Considerations.* Part II: *Survey of Federal Educational Activities.* Part III: *Analyses and Classification of Programs.* Printed for the use of the Committee on Education and Labor, U.S. House of Representatives. 86th Cong., 2d Sess. Washington: Government Printing Office, 1960. O.P. I: viii + 192. II: xv + 372. III: xvi + 234.

The most extensive catalogue of the historical and current facts of Federal programs in education.

U.S. OFFICE OF EDUCATION. *Federal Funds for Education: Fields, Levels, Recipients, 1959 and 1960.* By Penrose B. Jackson and Dolores A. Steinhilber. OE-10013. Circular No. 679. Washington: Government Printing Office, 1962. ix + 82. $0.60.

Represents a refinement of the earlier biennial Office of Education publication, *Federal Funds for Education.* A comprehensive report of Federal expenditures in educational programs.

———. *A Survey of Federal Programs in Higher Education—Final Report.* By J. Kenneth Little. OE-50034. Bulletin 1963, No. 5. In press. Washington: Government Printing Office, about October 1962. 200 pp. (est.).

The report of a survey undertaken by Dr. Little for the U.S. Office of Education, under authority of title X of the National Defense Education Act.

A Survey of Federal Programs in Higher Education—Summary (OE-50033; about 50 pp.) was published and widely distributed by the Office of Education in September. This summary contains a brief not only of the survey undertaken by Dr. Little, but also of the Orlans study (see above) and the recommendations formulated by Dr. Little. In general, this summary describes the variety of the federally sponsored programs and the character and relative involvement of the participating institutions of higher education, with the primary purpose of assessing the impact of Federal programs on these institutions.

II. SCIENCE AND SPONSORED RESEARCH

AMERICAN COUNCIL ON EDUCATION. *Sponsored Research Policy of Colleges and Universities: A Report of the Committee on Institutional Research Policy.* Washington: The Council, 1954. vii + 93 pp. $1.50.

A report on issues involved in sponsored research designed to guide educational institutions in forming policies which collectively bring about improved relationships with Government agencies, foundations, and industry.

BUSH, VANNEVAR. *Science, The Endless Frontier: A Report to the President on a Program for Postwar Scientific Research.* Washington: National Science Foundation, July 1945; reprinted July 1960 [with an Introduction by Alan T. Waterman]. xxvi + 220 pp. Limited number of copies available free on request.

A document of historical importance which presents an authoritative assessment of science and medicine in World War II, together with a blueprint for their postwar development.

CAGLE, FRED R. *Federal Research Projects and the Southern University.* Atlanta, Ga.: Southern Regional Education Board, 1962. iii + 97 pp.

A study of the influence of Federal research projects on a group of Southern universities with the general objective of providing a perspective on problems created by the availability of Federal funds for project research, the reaction of universities to such problems, and needed policies.

DUPRE, J. STEFAN, and LAKOFF, SANFORD A. *Science and the Nation.* Englewood Cliffs, N.J.: Prentice-Hall, Inc., 1962. 181 pp. Cloth, $3.95; paper, $1.95.

Attempts to provide a concise survey of developments related to "the impact of science upon social thought and the role of technology in industrial societies," including the formulation of United States science policy and the political activity of scientists.

DUPREE, A. HUNTER. *Science in the Federal Government: A History of Policies and Activities to 1940.* Cambridge, Mass.: Belknap Press of Harvard University Press, 1957. xii + 460 pp. $7.50.

Traces "the development of the policies and activities of the United States government in science from the establishment of the federal Constitution to the year 1940."

EXECUTIVE OFFICE OF THE PRESIDENT. BUREAU OF THE BUDGET. *Report to the President on Government Contracting for Research and Development.* Prepared by the Bureau of the Budget and Referred to the Committee on Government Operations, United States Senate. Senate Doc. No. 94. 87th Cong., 2d Sess. Washington: Government Printing Office, 1962. xiii + 92 pp. Free on request to Senate Document Room, U.S. Congress, Washington 25, D.C.

A review of the experience of the Government in using contracts with private institutions and enterprises to obtain research and development work needed for public purposes. The "Bell Report."

KIDD, CHARLES V. *American Universities and Federal Research.* Cambridge, Mass.: Belknap Press of Harvard University Press, 1959. xiv + 272 pp. $6.00.

"The central thesis of this book is that large-scale Federal financing of research has set in motion irreversible forces that are affecting the nature of universities, altering their capacity to teach, changing their financial status, modifying the character of parts of the Federal administrative structure, establishing new political relations, and changing the way research itself is organized." Still a landmark study.

MICHIGAN STATE UNIVERSITY. OFFICE OF RESEARCH DEVELOPMENT AND THE GRADUATE SCHOOL. *Sponsored Research: Significance and Basic Characteristics; Policies and Procedures at Michigan State University; Preparation of Proposals and Selected Sources of Support*. East Lansing: The University, 1961. vi + 126 pp.

An "attempt to define the dimensions of the problem of sponsored research as a national phenomenon and as applied to Michigan State University." Includes information on policies and procedures of the university, preparation of proposals, and services developed to assist the faculty on sponsored research problems.

NATIONAL SCIENCE FOUNDATION. *Basic Research: A National Resource*. NSF 57–35. Washington: Government Printing Office, 1957. viii + 64 pp. $0.45.

A report "designed to convey in nontechnical language the meaning of basic research in science and how important it is to the Nation in its concern for its economy, the health of its citizens, and its defense."

———. *Federal Funds for Science X: Fiscal Years 1960, 1961, and 1962*. NSF 61–82. Washington: Government Printing Office, 1962. vii + 145 pp. $0.75.

Presents and analyzes the Federal funds provided for research and development and research and development plant.

———. *Government-University Relationships in Federally Sponsored Scientific Research and Development*. NSF 58–10. Washington: Government Printing Office, 1958. ix + 44 pp. $0.40.

Describes the "evolution of Federal sponsorship of research and development at colleges and universities and indicate[s] the current nature, trends, and magnitude of this financial support."

"'Perspectives on Government and Science," [issue] edited by Norman Wengert, *Annals of the American Academy of Political and Social Science, CCCXXVII*, January 1960. x + 138.

This complete issue of *The Annals* is devoted to Government and science. Articles are grouped under three major classifications: "Needs, Problems, Opportunities," "Administration of Government Science," and "Government Science and the Universities."

PRESIDENT'S SCIENTIFIC RESEARCH BOARD. *Report of the President's Scientific Research Board: Science and Public Policy*. Washington: Government Printing Office, 1947. 5 vols. O.P.

The Steelman Report. A broad evaluation of the nation's scientific activities, including organization, manpower, resources, and medical research.

PRICE, DON K. *Government and Science: Their Dynamic Relation in American Democracy.* New York: New York University Press, 1954. viii + 203 pp. $3.75.

The significant effect of scientists on the nature of the American governmental system. Originally presented as a series of lectures at New York University.

Scientific Progress, the Universities, and the Federal Government: Statement by the President's Science Advisory Committee. Washington: Government Printing Office, 1960. v + 33 pp. $0.15.

The widely noted "Seaborg Report." Its focus is on problems associated with "the advancement of science by basic research, and the making of scientists by graduate education."

Strengthening American Science: A Report of the President's Science Advisory Committee. [With] a statement by the President. Washington: Government Printing Office, 1958. iii + 36 pp. $0.20.

A policy statement on ways the Federal Government could best help strengthen American science and technology as essential resources for national security and welfare. Includes recommendation to establish a Federal Council for Science and Technology.

WOLFLE, DAEL. *Science and Public Policy.* Lincoln: University of Nebraska Press, 1959. vi + 81 pp. $1.50.

A series of lectures by the executive officer of the American Association for the Advancement of Science, presented at the University of Nebraska. Chap. 2, "Science in the Federal Government," is a concise introduction to the subject. Also includes: "Science and Public Policy" and "Education in a World of Science."

III. COMMISSION REPORTS

ALLEN, HOLLIS P. *The Federal Government and Education.* New York: McGraw-Hill Book Co., 1950. O.P. xvii + 333 pp.

"The original and complete study of education for the Hoover Commission Task Force on Public Welfare."

COMMISSION ON INTERGOVERNMENTAL RELATIONS. *A Report to the President for Transmittal to the Government.* Washington: Government Printing Office, 1955. O.P. xi + 311 pp. $1.25.

The summary report of the Commission. Published separately are reports of the Commission's several study committees. Of special interest are the Study Committee Reports on *Federal Responsibility in*

the Field of Education (Washington: Government Printing Office, 1955; $0.50) and *Federal Aid to Agriculture* (Washington: Government Printing Office, 1955; $0.20).

PRESIDENT'S COMMISSION ON HIGHER EDUCATION. *Higher Education for American Democracy.* Washington: Government Printing Office, 1947. 6 vols. O.P. New York: Harper & Bros., 1947. O.P.

Report of President Truman's Commission, headed by George F. Zook. Vol. 3, chap. 4, and Vol. 5, chap. 4, especially, deal with the Federal Government's involvement in higher education.

PRESIDENT'S COMMITTEE ON EDUCATION BEYOND THE HIGH SCHOOL. *Second Report to the President.* Washington: Government Printing Office, 1957. xiii + 108 pp. $0.55.

The final report of the Josephs Committee, appointed by President Eisenhower. Its concluding chapter deals specifically with the role of the Federal Government in postsecondary education. A summary of the report was issued at the same time; xiii + 26 pp.

IV. SPECIFIC PROGRAMS

A. Land-Grant Institutions

EDDY, EDWARD D., JR. *Colleges for Our Land and Time: The Land-Grant Idea in American Education.* New York: Harper & Bros., 1957. xiv + 328 pp. $4.50.

ROSS, EARLE D. *Democracy's Colleges: The Land-Grant Movement in the Formative Stage.* Ames: Iowa State University Press, 1942. O.P.

U.S. OFFICE OF EDUCATION. *Land-Grant Colleges and Universities, 1862–1962.* By Henry S. Brunner. OE-50030. Bulletin 1962, No. 13. Washington: Government Printing Office, 1962. viii + 78 pp. $0.35.

Contains the basic Federal laws and rulings of the land-grant system, a chronology of institutions, and bibliography.

B. Agriculture

BLISS, R. B. (compiler and ed.). *The Spirit and Philosophy of Extension Work.* Washington: Graduate School, U.S. Department of Agriculture, and Epsilon Sigma Phi [national honorary extension fraternity]. O.P. x + 393 pp.

TRUE, ALFRED CHARLES. *A History of Agricultural Education in the U.S.* U.S. Department of Agriculture Misc. Pub. No. 36, 19[illegible]. O.P.

———. *A History of Agricultural Experimentation and Research in the U.S.* U.S. Department of Agriculture Misc. Pub. No. 251, 1937. O.P.

———. *A History of Agricultural Extension Work in the U.S.* U.S. Department of Agriculture Misc. Pub. No. 15, 1928. O.P.

U.S. DEPARTMENT OF AGRICULTURE. COOPERATIVE STATE EXPERIMENT STATION SERVICE. *A History of Research Policy and Procedure.* By H. C. Knoblauch, E. M. Law, and W. P. Meyer. U.S. Department of Agriculture Misc. Pub. No. 904. Washington: Government Printing Office, May 1962. vi + 262 pp. $1.50.

C. Medical Education and Research

COMMITTEE OF MEDICAL CONSULTANTS ON MEDICAL RESEARCH. *Federal Support of Medical Research.* Washington: Government Printing Office, 1960. xxix + 133 pp. $0.75.

A report prepared for the Senate Committee on Appropriations, dealing principally with the scope of activities and needs of the National Institutes of Health.

KREISBERG, LOUIS, and ROSENBERG, LARRY. *The Impact of Federal Grants on Medical Education: An Essay and an Annotated Bibliography.* Mimeographed. New York: National Opinion Research Center, 1959(?).

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE. *The Advancement of Medical Research and Education through the Department of Health, Education, and Welfare: Final Report of the Secretary's Consultants on Medical Research and Education.* Washington: Government Printing Office, 1958. 82 pp. $0.60.

The Bayne-Jones report on current and recommended programs of the Department of Health, Education, and Welfare in the area of medical education and research.

D. ROTC

LYONS, GENE M., and MASLAND, JOHN W. *Education and Military Leadership: A Study of the ROTC.* Princeton, N.J.: Princeton University Press, 1959. xvii + 283 pp. $5.00.

MASLAND, JOHN W., and RADWAY, LAURENCE I. *Soldiers and Scholars: Military Education and National Policy.* Princeton, N.J.: Princeton University Press, 1957. 530 pp. $7.50.

E. International Programs

FORD FOUNDATION. COMMITTEE ON THE UNIVERSITY AND WORLD AFFAIRS. *The University and World Affairs.* New York: The Foundation, 1960. vi + 84 pp. Free.

U.S. HOUSE OF REPRESENTATIVES COMMITTEE ON GOVERNMENT OPERATIONS. *Government Programs in International Education (A Survey and Handbook). Forty-second Report by the Committee on Government Operations.* [Principal author, Charles A. Quattlebaum.] 85th Cong., 2d Sess., House Report No. 2712. Washington: Government Printing Office, 1959. O.P. x + 251 pp.

V. RELATED ISSUES OF PUBLIC POLICY

NATIONAL CATHOLIC WELFARE CONFERENCE. LEGAL DEPARTMENT. *The Constitutionality of the Inclusion of Church-Related Schools in Federal Aid to Education.* A reprint from *Georgetown Law Journal,* L (Winter 1961), 399–455. Available from National Catholic Welfare Conference, 1312 Massachusetts Ave., N.W., Washington 5, D.C.

U.S. COMMISSION ON CIVIL RIGHTS. *Equal Protection of the Laws in Public Higher Education, 1960.* Washington: Government Printing Office, 1961. xv + 355 pp. $1.00.

An extensive review of Federal programs and their administration in the light of racial policies of public institutions of higher education.

U.S. SENATE. *Constitutionality of Federal Aid to Education in Its Various Aspects.* 87th Cong., 1st Sess., Senate Document No. 29. May 1, 1961. Washington: Government Printing Office, 1961. O.P. vi + 72 pp.

A summary of legal views, centering largely on the church-state issue. It includes the memorandum on constitutionality of aid to church-related institutions prepared by General Counsel of the Department of Health, Education, and Welfare.

AMERICAN COUNCIL ON EDUCATION

LOGAN WILSON, *President*

The American Council on Education is a *council* of educational organizations and institutions, founded in 1918. Its purpose is to advance education and educational methods through comprehensive voluntary and cooperative action on the part of American higher educational associations, organizations, and institutions.

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